

### ABSTRACT OF THE DISCLOSURE

A rectangular metal slice is cut into antenna sheet material. The antenna sheet material is further folded up to form the antenna. The antenna sheet material includes a radiating plate, a feeding plate, and a ground plate.

- 5 The length of the radiating plate is approximate quarter wavelength corresponding to the operating frequency. The main feature of the antenna, according to the invention, is that the feeding plate and the ground plate extend in the same direction, thereby reducing the scale of the antenna.

\* \* \* \* \*